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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/780,845	02/18/2004	Jan K. Schiffmann	DP-309762	2509

7590 08/10/2007
STEFAN V. CHMIELEWSKI*
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EXAMINER

MANCHO, RONNIE M

ART UNIT	PAPER NUMBER
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3663

MAIL DATE	DELIVERY MODE
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08/10/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

Non-responsive

1. The reply filed on 5/10/07 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s):
2. Newly submitted claims 23-31 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons:

Group (I). Claims 1-13 are drawn to a collision detection system for a vehicle classified in class 701/300.

Group (II). Claims 23-31 are drawn to a target crossing location estimator for a vehicle classified in class 701/207.

The inventions are distinct, each from the other because of the following reasons:

3. Inventions (I) and (II) are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, subcombination (II) has separate utility such as a processor configured to receive a plurality of paired range and range rate signals, compute a W-plane point representing a square of the range and a square of the product of range and range rate, etc.

See MPEP § 806.05(d).

Applicant is advised to switch to the original invention.

See 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid

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abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Communication

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ronnie Mancho whose telephone number is 571-272-6984. The examiner can normally be reached on Mon-Thurs: 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Keith can be reached on 571-272-6878. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ronnie Mancho
Examiner
Art Unit 3663

8/4/2007


JACK KEITH
SUPERVISORY PATENT EXAMINER